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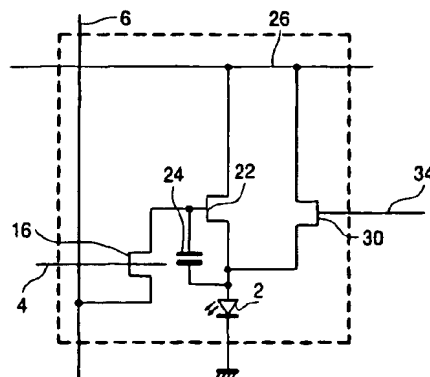
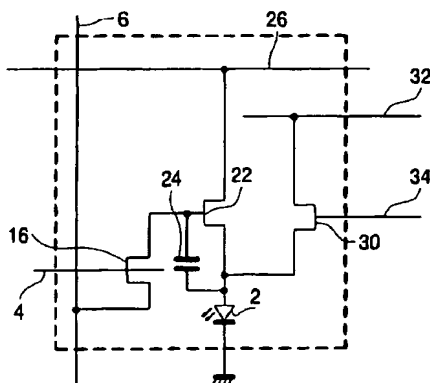
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(54) Title: ELECTROLUMINESCENT DISPLAY DEVICE HAVING PIXELS WITH NMOS TRANSISTORS



(57) Abstract: An active matrix electroluminescent display device has pixels using an amorphous silicon or microcrystalline silicon drive NMOS-transistor (22) connected between the anode of the display element (2) and a power supply line (26). A storage capacitor (24) is connected between the anode of the display element and the gate of the drive transistor (22). An amorphous silicon or microcrystalline silicon second drive NMOS transistor (30) supplies a holding voltage to the anode of the display element (2). This arrangement enables the voltage across the display element to be held while the transistor gate drive voltage is stored on the storage capacitor. This enables an accurate current source pixel circuit to be implemented using NMOS transistors.

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